

# STATE OF COLORADO

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Bill Ritter, Jr.  
Governor

## NEW ENERGY ECONOMY

### CREATING JOBS, ATTRACTING BUSINESSES AND STRENGTHENING OUR ECONOMY

Even in these tough times, Colorado's New Energy Economy is creating thousands of jobs, attracting new companies, and helping existing firms grow. Driven by Gov. Ritter's forward-thinking leadership, Colorado is now home to the fourth-highest concentration of clean-energy jobs in the nation, the second-highest renewable energy requirement (30 percent by 2020) and the first statutory plan to convert old and inefficient coal plants to cleaner-burning natural gas.

#### 2007

<b>Company</b>	<b>Community</b>	<b>Industry</b>	<b># of Jobs</b>
Vestas Blades	Windsor	Wind Energy	600
IBM	Boulder	Green Data Center	100
Abengoa Solar	Lakewood	Solar Energy	65
Iberdrola Renewables	Boulder	Wind Energy	5

#### 2008

<b>Company</b>	<b>Community</b>	<b>Industry</b>	<b># of Jobs</b>
ConocoPhillips	Louisville	Renewable Energy	TBD
RES Americas	Broomfield	Wind Energy	200
Dragon Manufacturing	Lamar	Wind Energy	200
Vestas Towers	Pueblo	Wind Energy	500
Vestas Blades	Brighton	Wind Energy	600
Vestas Nacelles	Brighton	Wind Energy	700
Broadwind Energy	Englewood	Wind Energy	100
Sun Edison	Westminster	Solar Energy	30
Woodward Governor	Fort Collins	Wind Energy	100
Confluence Energy	Kremmling	Biomass Energy	90
Rocky Mtn. Pellet Co.	Walden	Biomass Energy	--
Camco Global	Broomfield	Carbon Management	10

#### 2009

<b>Company</b>	<b>Community</b>	<b>Industry</b>	<b># of Jobs</b>
Hexcel Corp.	Windsor	Wind Energy	100
Abound Solar	Longmont	Solar Energy	300
Ascent Solar	Thornton	Solar Energy	200
Solix Biofuels	Ignacio	Biomass Energy	10
Prime Star Solar	Arvada	Solar Energy	200
GE Energy Controls	Longmont	Wind Energy	200
Creative Foam	Longmont	Wind Energy	35
E.ON Renewables	Denver	Wind Energy	10

RE Power USA	Denver	Wind Energy HQ	75
Bach Composite	Fort Lupton	Wind Energy	150
UQM Technologies	Frederick	Hybrid Vehicles Parts	TBD
SunRun Inc.	Denver	Solar Energy	-
Siemens R&D	Boulder	Wind Energy	50
SMA Solar	Denver	Solar Energy	700
SGB USA	Wheat Ridge	Wind Energy	15
PMC Technology	Golden	Wind Energy	40
SolarCity	Westminster	Solar Energy	40

## 2010

<b>Company</b>	<b>Community</b>	<b>Industry</b>	<b># of Jobs</b>
SPG Solar	Denver	Solar Energy	5
A+F Sun Carrier USA	Lone Tree	Solar Energy	5
Dacke PMC	Golden	Wind Energy	40
Aluwind	Castle Rock	Wind Energy	30
Abound Solar	Longmont	Solar Energy	300
Vestas R&D	Louisville	Wind Energy	125

## R&D/Technology Transfers

The Colorado Renewable Energy Collaboratory is a unique partnership among the National Renewable Energy Laboratory, Colorado State University, the University of Colorado and the Colorado School of Mines. The Collaboratory is a key driver of the New Energy Economy, focusing on technology transfers from the research lab to the marketplace.

The Aurora-based Solar Technology Acceleration Center (SolarTAC) will advance solar research and increase tech transfers.

## Wind Projects

Colorado has nearly quadrupled the amount of wind power on the grid since Governor Ritter took office, with the opening of three large wind farms in Cedar Creek, Grover and Peetz, which are generating nearly 650 MW of electricity, enough for 250,000 homes.

Tri-State Generation & Transmission is building a 51 MW wind project near Burlington.

## Solar Projects

Colorado is now third in solar PV capacity thanks to Governor Ritter's leadership:

- SunEdison opened an 8.2 MW solar plant near Alamosa.
- SunPower Corp. will build a 19 MW solar plant in Alamosa in 2010.
- Xcel Energy and SunPower Corp. plan a 17 MW project in Alamosa.
- CSU-Pueblo opened a 1.2 MW solar system, meeting 10% of the school's needs.
- Fort Carson opened the second-largest solar plant on a U.S. military base (2 MW).
- Large-scale solar projects are now powering the Denver Federal Center (1 MW), Denver International Airport (2 MW) and the Belmar Shopping District (1.7 MW).

## Natural Gas Projects

Colorado is home to some of the largest natural gas reserves in the world, with more than 30,000 wells currently in production. Colorado has approved 19,000 drilling permits since Governor Ritter took office, and Governor Ritter is working to increase demand, expand pipeline capacity and create new markets for cleaner-burning natural gas while ensuring that energy development does not harm our residents, water supplies, air quality or wildlife.